

REMARKS

Claims 1–10 and 29–37 are pending, with claims 1 and 29 being the only independent claims. Claims 11–28, which had been withdrawn from consideration, are canceled. Claim 1 is amended to delete unnecessary punctuation and claim 29 is amended to obtain protection more commensurate with the scope of the prior art. Claims 30–37 are newly added. No new matter is added by the claim amendments or additions.

Claims 1–10 and 29 were rejected in a May 25, 2007, Office Action as being anticipated under 35 USC § 102(e) by U.S. Patent No. 6,493,650 (Rodgers, et al.). Applicants traverse the rejection.

Each of claims 1 and 29 recite features not disclosed in Rodgers, et al. Claim 1 calls for, among other things, a survey measurement device and a **bidirectional communication interface** between a CAD application program and the survey measurement device for communicating commands from the CAD application program to the survey measurement device and for communicating the data related to the location of the selected feature from the survey measurement device to the CAD application program. Claim 29 calls for, among other things, transmitting real world coordinates of a feature from the CAD module to a survey measurement device.

Rodgers, et al. discloses a device for automatic documentation of crash scenes that includes a portable computer that can run a commercial, off-the-shelf CAD program as well as GPS receivers and custom software that interfaces with the CAD program. In using the computer to automatically detect crash scenes, the user performs three distinct steps: measuring or collecting data, transferring the data, and processing it. Rodgers, et al. discloses these distinct steps starting at col. 10, line 26, as follows:

When all the previously entered vehicles and elements have been measured, the user will be given the option to add other elements, delete elements and measurements, or to end the measurement process.

The user next would be prompted to connect the reference unit's serial port to the pen computer's serial port and begin the data transfer. **Upon completing the transfer, the user is prompted to disconnect the reference unit.** Then they are asked if they want to start data processing or store the data for later processing. ...

When the documentation process is begun, the CAD program will be called.

According to this excerpt of Rodgers, et al., the user is prompted to connect a reference unit—the reference unit includes a GPS—to the computer to begin data transfer, and upon completing the transfer the user disconnects the reference unit. After disconnecting the reference unit, the CAD program is called (if the user chooses to proceed to a documentation process). Because the reference unit and the computer running a CAD program are disconnected, no communication can take place between them.

Thus, in Rodgers, et al. there is no bi-directional communication interface between a CAD application program and the survey measurement device for communicating commands from the CAD application program to the survey measurement device and for communicating the data related to the location of the selected feature from the survey measurement device to the CAD application program as called for in claim 1. Also, there is no step of transmitting real world coordinates of a feature from the CAD module to a survey measurement device. Rodgers, et al. cannot anticipate the claims if it does not disclose every feature of the claims. On this basis Applicants request withdrawal of the rejection and allowance of the claims.

In formal matters, the Office Action indicates that the IDS filed with the above-identified patent application cited Canadian patent documents without including copies of those documents. In response, Applicants submit an IDS citing two of the three Canadian documents and patent documents corresponding to the third, along with the fee under Rule 1.17(p).

This Amendment requires no fee since the total number of claims is fewer than 20 and there are fewer than three independent claims. However, if any fees are due, Applicants request that the Office contact an attorney of record to arrange for payment of the fee in order to preserve the above-identified application.

Applicants' undersigned attorney may be reached in our Norcross, Georgia office by telephone at (770) 776-3472.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Collin A. Webb".

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